Manhole Inspection Summary N		anhole # S31M004MH	
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Inspection	☐ Is Incomplete Rating: 3)	Fair	
Record Plat: 31	M Node: 004 Status: Fo	und	Insp Date: 12/31/08 12:42 PM
Incomplete Comments			Crew: <b>WJ/DH</b>
			Inspector: dhinton
			Firm: <b>PER</b>
Location	Address: Russel St.		Cross Street: Washington Blvd.
Manhole	Type: Junction Location: Ro	adway	Ground Conditions: Dry
	Prev. Rehab Weather: <b>Dr</b>	y :	Subject To Ponding: <b>None</b>
Comments			
Cover	Shape: Circular Dia	meter: <b>25.</b> (in.) Leng <b>75</b>	th: <b>0</b> (in.) Dist A/B Grade: <b>0</b> (in.)
	Type: <b>Sanitary</b> Cond	lition: <b>Sound</b>	Cover Material: Cast Iron
Properties: ☐ Bolted ☑ Vented ☐ Water Tight ☐ Water Tight Insert			
Frame Offset: 0 (in.) Condition: ✓ Sound ☐ Cracked ☐ Leaks			
Chimney / Frame Adjustment			
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated			
Infiltration: None VJoint Cracks VMortar Roots Wall			
Corbel Material: Concrete Parged Type: Concentric/Eccentric			
Condition:	□: ☑ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated		
Infiltration:	on:		
Barrel Material: Concrete Parged			
Shape: Circular Diameter: 42 (in.) Length: 0 (in.)			
Condition:	tion: Sound Cracked Root Intrusion Loose Brick Deteriorated		
Infiltration:	✓ None ☐ Joint ☐ Cracks	☐ Mortar ☐ Ro	oots 🗌 Wall
Bench	Exists Material: Brick	☐ Parge	ed
Condition:	☐ Sound ☐ Cracked ☐ Root	Intrusion	iorated Leaks
Channel	Material: <b>Brick</b>		
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: 0			
Condition:	on: Sound Cracked Root Intrusion Deteriorated Leaks Debris		
Steps	ps Count: 6 Missing: 0 Corroded		
Surcharge	☐ Evidence Of Surcharge Depth: <b>0</b> (ft.) ☐ Active Surcharge Present		

# Manhole # S31M\_\_004MH

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**Location View** 



Miscellaneous





bench debris

Top View



Defect 2



chimney loose bricks at frame joint

Defect 1



chimney infiltration at frame joint & mortar as well as from corbel wall

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#### Defect 4

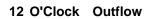


cracked & deteriorated brick in barrel wall

### Manhole # S31M\_\_004MH

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10 in. Circular Gravity Sewer Pipe Out @ 12 OClock





Pipe Height: 10.8 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 15.29 (ft.) Flow Characteristics: None

Deposits: ☐ None ☐ Mud ☐ Sludge ✓ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent: **Heavy**Infiltration: **None** Pipe Seal Cond: **Sound** 

Drop: **None** 

Connects To: **Manhole**Possible Illicit Connection

#### 8 in. Circular Gravity Sewer Pipe In @ 5 OClock





Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 15.00 (ft.) Flow Characteristics: None

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Dead End

Possible Illicit Connection

### Manhole # S31M\_\_004MH

6 O'Clock Inflow

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# 8 in. Circular Gravity Sewer Pipe In @ 6 OClock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 9.12 (ft.) Flow Characteristics: None

Deposits:  $\slash\hspace{-0.4cm} \slash\hspace{-0.4cm}$  None  $\slash\hspace{-0.4cm} \slash\hspace{-0.4cm} \slash\hspace{-0.4cm}$  Mud  $\slash\hspace{-0.4cm} \slash\hspace{-0.4cm} \slash\hspace{-0.4cm}$  Sludge  $\slash\hspace{-0.4cm} \slash\hspace{-0.4cm} \slash\hspace{-$ 

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop In @ 6 OClock



Drop: Outside Rod and Bar

Angled: **Yes** Reading: **14.07** (ft.)

Inv Depth: 15.07 (ft.)

Drop Condition: Open

Connects To: **Dead End** 

☐ Possible Illicit Connection

# 10 in. Circular Gravity Sewer Pipe In @ 9 OClock



9 O'Clock Inflow

Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: Clay

Invert Depth: 13.86 (ft.) Flow Characteristics: None

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection